United States Patent [19]

Shannon

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[54] **SMOKING ARTICLE WITH EMBEDDED SUBSTRATE**

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[51] **Int. Cl.**[5] **A24D 1/18**; A24D 1/00; A24D 1/02

[52] **U.S. Cl.** **131/359**; 131/273; 131/335; 131/196; 131/360

[58] **Field of Search** 131/360, 364, 194, 273, 131/356, 337, 335, 329, 362, 364

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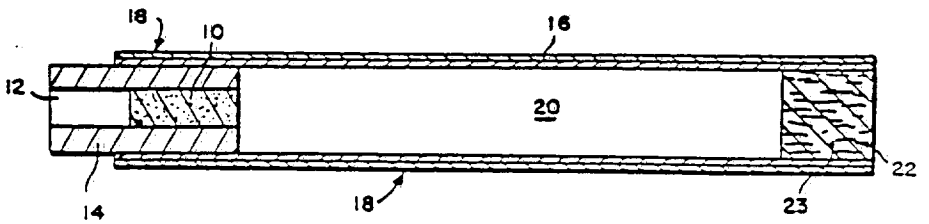
[57] **ABSTRACT**

The smoking article of the present invention has a short, combustible, preferably carbonaceous, fuel element, generally less than about 30 mm long, which is substantially free of volatile organic material. A physically separate aerosol generating means, preferably comprising a substrate bearing an aerosol forming substance, is located within a cavity in the fuel element, i.e., the aerosol generating means is at least partially embedded in the fuel element. This article may be provided with an external insulating member to reduce radial heat loss and/or with a heat conducting member to increase conductive heat transfer from the fuel element to the aerosol generating means.

28 Claims, 1 Drawing Sheet



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